

JAVA EXAMPLES - MULTIPLE EXCEPTIONS *ARRAYOUTOFBOUND*

http://www.tutorialspoint.com/javaexamples/exception_multiple1.htm

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Problem Description:

How to handle multiple exceptions while array is out of bound?

Solution:

This example shows how to handle multiple exception methods by using System.err.println method of System class .

```
public class Main {
    public static void main (String args[]) {
        int array[]={20,20,40};
        int num1=15,num2=10;
        int result=10;
        try {
            result = num1/num2;
            System.out.println("The result is" +result);
            for(int i =5;i >=0; i--) {
                System.out.println
                    ("The value of array is" +array[i]);
            }
        }
        catch (ArrayIndexOutOfBoundsException e) {
            System.out.println("Array is out of Bounds"+e);
        }
        catch (ArithmeticException e) {
            System.out.println ("Can't divide by Zero"+e);
        }
    }
}
```

Result:

The above code sample will produce the following result.

```
The result is1
Array is out of Boundsjava.lang.ArrayIndexOutOfBoundsException
· 5
```

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